



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, CA 94105-3901

September 17, 2014

Via Email and Certified Mail: 7012 1640 0001 2190 9155
Return Receipt Requested

Dave Nigh
Director
Water Resources Department
City of Buckeye
423 Arizona Eastern Avenue
Buckeye, AZ 85326

Re: Clean Water Act Section 308 Information Request (CWA-308-9-14-002)

Dear Mr. Nigh:

In order to determine compliance with the Clean Water Act ("the Act"), the Environmental Protection Agency, Region 9 ("EPA"), is evaluating the performance of the City of Buckeye's sanitary sewage collection system. This includes all flow tributary to the City of Buckeye's Wastewater Treatment Plants, and any sewage which is transmitted to any other municipality for treatment and disposal. Section 308(a) of the Act, 33 U.S.C. § 1318(a), authorizes EPA to require the submission of information to carry out the Act's objectives. Pursuant to Section 308(a), EPA is issuing this Information Request to assess the operation and maintenance of the City of Buckeye's wastewater collection system, and is requiring that you submit the information requested in Enclosure 1. Please read the instructions and questions in the enclosure carefully before preparing your response.

Your response to this Information Request must be received by EPA no later than Friday, October 17, 2014. Your response may be submitted electronically, following the instructions in Enclosure 1. All information provided in response to this request must include the following certification signed by a responsible officer in accordance with 40 C.F.R. § 122.22:

"I certify under penalty of law that this submission was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of those who manage the system or are directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations under the Clean Water Act and 18 U.S.C. § 1001."

Failure to comply with this Information Request can result in enforcement action for appropriate relief and penalties under section 309 of the Act, 33 U.S.C. § 1319. Compliance with this Information Request does not relieve you of your obligation to comply with the Act or other applicable laws and permits.

You cannot withhold from EPA what you may consider to be confidential business information. However, you have the discretion to assert, at the time of submission, a claim of business confidentiality for part or all of the requested information by following the requirements at 40 C.F.R. § 2.203(b). EPA will not disclose any information covered by such a claim except as authorized by 40 C.F.R. Part 2, Subpart B. If no claim of business confidentiality is received with your submission, EPA may make the information available to the public without further notice to you. All confidentiality claims are subject to EPA verification.

This Information Request is not subject to review by the Office of Management and Budget under the Paperwork Reduction Act because it is directed to fewer than ten persons and is therefore not a "collection of information" under 44 U.S.C. § 3502(3). It is also an exempt activity under 44 U.S.C. § 3518(c) and 5 C.F.R. § 1320.4.

Please submit your response to:

U.S. Environmental Protection Agency, Region IX
Water Enforcement Section I (ENF-3-1)
Attention: Eric Magnan
75 Hawthorne Street
San Francisco, CA 94105-3901

Thank you for your cooperation and prompt attention to this matter. If you have questions, please contact Eric Magnan of my staff at (415) 947-4179 or Ken Greenberg of my staff at (415) 972-3577.

Sincerely,



Kathleen H. Johnson
Director
Enforcement Division

Enclosure: Enclosure 1

cc: Mindi Cross, Arizona Department of Environmental Quality

Instructions

1. Best Information Available. Respond to the best of your ability. If you do not know the answer to a question, state that in the area provided for the response. Identify any answers provided that are approximations and provide further explanation to any of these qualified responses, as appropriate.
2. Obligation to Correct. If you later discover that any submitted information is incorrect, submit a corrected response as soon as possible.
3. Use of Document in Place of Answer. If a document provides the complete answer to a question, you may use it in place of a written answer by supplying the document and appropriately identifying the applicable portion of the document as answering a specific numbered question.
4. Electronic Documentation. When requested to provide an electronic copy of a document, email the document to Eric Magnan at magnan.eric@epa.gov by the due date of this information collection request.

Definitions

The following terms shall have the following definitions for this Information Request:

1. "Collection System" means all parts of the wastewater collection system owned or operated by the Utility that are intended to convey domestic or industrial wastewater to any municipality for treatment and disposal, including wastewater treatment plants owned or operated by the Utility. This includes sewer mains, pipes, pump stations, lift stations, maintenance holes, force mains, siphons and appurtenances to each of the above.
2. "Sanitary Sewer Overflow" or "SSO" means any overflow, spill, or release of wastewater from the Collection System.
3. "Utility" means each city or district that owns or operates a Collection System from which the Tartesso Water Reclamation Facility (AZ0025127), the Sundance Water Reclamation Facility (AZ0024881), the Festival Ranch Water Reclamation Facility (AZ0025216), the Buckeye Wastewater Treatment Plant (AZ0025313), the Palo Verde Wastewater Treatment Plant (AZ0025500), the Trillium West Wastewater Treatment Plant (AZ0025518), or the Sun Valley South Water Reclamation Facility (AZ0025691) receive wastewater. The City of Buckeye is the National Pollutant Discharge Elimination System (NPDES) Permittee named for the facilities listed above.
4. "You" means the Utility.

INFORMATION REQUEST

General Information

Utility Name:	CITY OF BUCKEYE		
Address:	423 ARIZONA EASTERN AVE BUCKEYE AZ 85326		
Contact Person:	DAVE NIGH		
Phone:	623 349 6103	Cell:	623-580 4144 Fax: 623
Email:	DNIGH@BUCKEYEAZ.GOV		

System Overview

1. Population: 51,000
2. Service Area (Sqr. Miles): 600+
3. Cities included in service area: BUCKEYE
4. Number of Service Connections:

Residential	Commercial	Industrial	Total
17000	260		17260

5. Combined Sewers (% of system): 0
6. Name and NPDES permit number for Wastewater Treatment Plant(s) ("WWTP") owned or operated by the Utility that are not included in the definition of Utility:
B N/A

7. Name and NPDES permit number for WWTP(s) that receive flow from the Collection System:

BUCKEYE WWTP - AZ0025313
SUNDANCE WRF - AZ0024881
TARISSO WRF - AZ0025127
FESTIVAL RANCH WRF - AZ0025216

8. Names of upstream Collection Systems sending flow to the Collection System:

<u>BLUE HORIZONS</u>	<u>NORTHWOOD ESTATES, RIO VISTA WEST, SONORA</u>
<u>VISTA DE MONTANA</u>	<u>WESTPARK, SONORA WEST, RANCHO VISTA</u>
<u>TO SUNDANCE WRF</u>	<u>DOVE COVE - all to BUCKEYE WWTP</u>

9. Names of downstream Collection Systems receiving flow from the Collection System:

Sundance Collection System
Buckeye Collection System

10. Do any interagency agreements exist with upstream Collection Systems? (Y/N) N
11. Does the Utility maintain the legal authority to limit flow from upstream satellite Collection Systems? (Y/N)

X

System Inventory (list only assets owned by Utility)

12. List Collection System inventory in the following table:

Miles of gravity main	Miles of force main	Miles of Laterals	Number of maintenance access structures	Number of pump stations	Number of siphons
262	9	—	5902	3	0

13. Is the Utility responsible for laterals? (Y/N) N

14. If the Utility is responsible for laterals, describe the portion of the lateral which is the Utility's responsibility? (whole, lower, etc.) N/A

15. List the size of Collection System main in the following table:

Diameter in inches	Gravity Sewer (miles)	Force Mains (miles)
6 inches or less	9	1
8 inches	183	3
9 - 18 inches	48	5
19 - 36 inches	17	0
36 inches or greater	3	0

16. List the age of Collection System main in the following table:

Age	Sewer Mains (miles)	# of Pump Stations
25 years or less	243	3
26 - 50 years	—	—
51 - 75 years	19	0
76 years or greater	—	—

Collection System Flow Characteristics

17. List the Collection System flow rates in the following table:

Average Daily Dry Weather Flow (MGD)	Peak Daily Wet Weather Flow (MGD)	Peak Instantaneous Wet Weather Flow (MGD)
2.507	2.507	2.507

18. Location of flow monitor(s) from which above information obtained: WRF INFLUENT METERS

19. Period of time over which flow was monitored: JAN-DEC 2013

20. If flow monitors are not used, describe how flow is estimated:

N/A

21. List the WWTP flow rates in the following table:

WWTP Name	Average Daily Dry Weather Flow (MGD)	Peak Daily Wet Weather Flow (MGD)	Peak Instantaneous Wet Weather Flow (MGD)
BUCKEYE WWTP	1.120	1.120	1.120
SUNDANCE WRF	1.015	1.015	1.015
FESTIVAL WRF	.222	.222	.222
TARRESSO WRF	.150	.150	.150

22. List satellite systems that flow to the WWTPs and associated flow rates in the following table:

Satellite Name	Avg. Dry Weather Flow		Peak Flow (MGD)	Flow based on meter or estimate?
	(MGD)	% of total flow		
		N/A		

23. List relief points and discharge frequency in the following table:

Relief Point	Location	Number of Discharges/Year
	N/A	

Regulatory Background

24. Does the Collection System operate under the provisions of an NPDES permit (either their own or under provisions of another agency's permit)? (Y/N)_____

Permit holder _____ Permit # _____

25. Does the Collection System operate under a state permit? (Y/N)_____

26. Are there any reporting requirements for spills from the Collection System? (Y/N) Y

27. If there are requirements for reporting spills, which agency (or agencies) promulgates the spill reporting requirements? MARICOPA COUNTY

28. Outline the spill reporting requirements (summarize spill reporting requirement for each applicable statute, regulation and permit), or alternatively, provide an electronic copy of each applicable statute, regulation, and/or permit:

SEE ATTACHED SPILL NOTIFICATION REPORT, AZPDES, AND
SSO STANDARD OPERATING PROCEDURES

Spills

29. List all Sanitary Sewer Overflows (SSOs) from the Collection System in the following table:

Sanitary Sewer Overflows From and Caused by Utility						
Calendar Year	Mains (Miles of Mains 271)		Laterals (Miles of Laterals 40)		Total (Total Miles 271)	
	#SSOs	Gross Spill Volume (gallons)	#SSOs	Gross Spill Volume (gallons)	Total SSOs	Total Gross Spill Volume (gallons)
2009						
2010						
2011						
2012				X/A		
2013						
2014 (thru 9/1)	1	1200			1	1200
Total	1	1200			1	1200

30. List all causes of Sanitary Sewer Overflows in the following table:

Calendar Year	Blockage								Gravity Pipe Break		Force Main Break		Pump Station @ WRF		Capacity	
	Grease		Roots		Debris		Multiple									
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
2009																
2010																
2011																
2012																
2013																
2014 (thru 9/1)																
Total																

31. Provide an electronic document of facility spill records for the time period of January 1, 2009 to September 1, 2014. Provide the following information for each spill: SEE ATTACHED

- Location of spill (street address and city)
- Date of spill
- Time spill reported
- Time spill started
- Time spill stopped

- f. Appearance point of spill (private lateral, public sewer main, other, etc.)
- g. Final destination of the spill (surface water, storm drain, sanitary sewer, other, etc.)
- h. Estimated volume of the spill in gallons
- i. Estimated volume of spill recovered in gallons
- j. Estimated volume of spill that reached a surface water in gallons
- k. Cause of the spill (Grease, Roots, Debris, Other)
- l. Location of health warnings posted

The preferable electronic format for submitting this information is a table, as shown here:

Location of spill (street address and city)	Date of spill	Time spill reported	Time spill started	Time spill stopped	Appearance point of spill	Final destination of spill	Estimated volume of spill (gallons)	Estimated volume of spill recovered (gallons)	Cause of spill	Location of health warnings posted
Howard St at Hawthorne St, San Francisco	8/30/14	10:30am	10:00am	1:30pm	Sewer Manhole	Storm Drain	350	0	Grease	None posted

32. List building backups caused by problems in the Collection System in the following table:

BUILDING BACKUPS (list only backups caused by problems in sewer mains)		
Year	Number of backups	Cost of Settled Claims
2013	1	\$ 6,720 -
TOTAL	1	\$ 6,720

Staffing and Financial Information

33. Indicate Number of Staff Positions¹ dedicated to Collection System responsibilities in the following table:

Responsibility	Budgeted Positions (FTE)	Positions Filled (FTE)
Management and Administration	1	1
Maintenance	2	2
Electrical and Mechanical		
Engineering		
Other (explain):		

34. Number of Certified Collection System Operators/Certification Program¹ (FTE): 2

35. Number of Sewer Cleaning Crews: 1

36. Sewer Cleaning Crew Size¹ (FTE): 2

37. Are any services related to the Collection System provided by contractors? (Y/N) Y If yes, describe the services provided. ONLY IN THE EVENT OF A CATASTROPHIC EVENT
WOULD WE USE AN OUTSIDE CONTRACTOR

38. Provide the total annual revenue and the total annual expenditures, such as operations and maintenance and capital improvement projects, for the Collection System in the past 2 years.

2012/2013	REVENUE = \$ 4,831,200	EXPENSE = 7,837,979
2013/2014	REVENUE = \$ 4,402,100	EXPENSE = 7,260,048

¹ Use a numerical full time equivalent (FTE) to indicate the number of staff positions. For example, one person working 40 hours per week for 52 weeks per year that is dedicated to Collection System responsibilities 50% of the time and stormwater responsibilities 50% of the time is equal to 0.5 FTE.

Equipment and Financial Information

39. Provide details of major equipment owned by the Utility in the following table:

Equipment	Number Owned	Number in Service
Combination Trucks (hydroflush and vactor)	1	1
Hydroflusher	1	1
Mechanical Rodder	1	1
CCTV Truck	1	1
Utility Truck	4	4
Portable Pumps	2	2
Portable Generator	1	1
Other:		

Spill Response, Notification, and Reporting

40. Does the Utility have a written spill response plan? (Y/N) Y If it does, provide an electronic copy of the document.

41. If the Utility has a spill response plan, list the elements included in plan in the following table:

Element	Y/N	Comment
Identification of Responsible Staff	Y	
DISPATCH		
System for Becoming Aware of Spills	Y	
System for Receiving Public Calls	Y	
Dispatch Procedures – Normal Hours	Y	
Dispatch Procedures – After Hours	Y	
Coordination with First Responders (police, fire department)	Y	
Response Time Goal	Y	
SPILL CONTROL/MITIGATION		
Spill Response Activity Sequence	Y	
Spill Site Security	Y	
Procedures for Stopping Spills	Y	
Spill Containment	Y	
Protection of Storm Drains	Y	
Cleanup/Mitigation	Y	
DOCUMENTATION		
Spill Volume Estimation Method (list method in comment field)	Y	VOLUME RECOVERED / Calculation by area
Spill Start Time Determination	Y	
Spill Sampling	Y	
Receiving Water Sampling	Y	
Photographing Spill Site	Y	
Field Notes	Y	
Spill Report	Y	
NOTIFICATION		
Notification of Affected Public (schools, recreational users, etc.)	Y	
Posting Warning Signs	Y	
Sanitation Information regarding building backups	Y	
REPORTING		
Reporting Procedures	Y	
Spill Report Forms	Y	
Persons Responsible for Filing Reports	Y	

42. Are all spills reported regardless of volume? Y

43. Are contractors required to follow spill response procedures? (Y/N) Y
44. Do you know the average spill response time during normal work hours? (Y/N) Y If yes, what is it?
< 2 hours
45. Do you know the average spill response time during after-hours and holidays? (Y/N) Y
If yes, what is it? < 2 hours
46. Does the Utility CCTV sewer main following a spill? (Y/N) Y

Sewer Cleaning and Maintenance

47. Does the Utility Have Detailed Sewer System Maps? (Y/N) Y

48. Are Maps Available to Maintenance Crews? (Y/N) Y

49. Maintenance Management System is (check all applicable):

Written _____

Computerized _____

Other (describe) UNDER DEVELOPMENT

50. List annual sewer cleaning work (hydroflushing, mechanical, and hand rodding) completed in the following table:

Annual Sewer Cleaning			
	Unique Pipe Cleaned (exclude repeats)		Total Pipe Cleaned (include repeats)
	(miles)	% of system	(miles)
2011			
2012	<u>N/A</u>	<u>—</u>	<u>△</u>
2013	<u>18</u>	<u>6.87</u>	<u>18</u>
2014			

51. System cleaning frequency (years to clean entire system): 4 yrs

52. Types of problems subject to hot spot cleaning? BLOCKAGE / ODOR

53. List information about hot spots, locations that are cleaned the most frequently, in the following table:

Hot Spot Cleaning Schedule			
Cleaning Frequency	Number of Locations	Pipe length excluding repeats (miles)	Pipe length including repeats (miles)
1/month	<u>—</u>		
6/year	<u>5</u>	<u>1.5</u>	<u>7.5</u>
4/year	<u>—</u>		
2/year	<u>3</u>	<u>.25</u>	<u>.5</u>
1/year	<u>—</u>		

54. Length of pipe subject to chemical root treatments (miles/year): N/A

55. How many complaints about odors from the Collection System are received each year?

1-2

56. List out all locations that have received more than one odor complaint in a year: N/A

-
-
-
57. What is the total length of easement pipes (miles)? 29
58. What is the total length of easement pipes cleaned (miles/year)? 7
59. Do maintenance workers have access to all easement pipes? YES

Fats, Oil, and Grease (FOG) Program

60. Does the Utility have a FOG source control ordinance? Y
61. Ordinance Citation: ARTICLE 16-6, USE OF PUBLIC SEWERS
62. Agency responsible for implementing the FOG control program: CITY OF BUCKEYE
63. Number of Food Service Establishments (FSEs) in service area: 74
64. Number of FSEs subject to FOG ordinance: 53
65. Provide more details about the FOG control program in the table below:

FOG Source Control Program Details		
Element	Y/N	Comment
FSE Permits	N	
FSE inspections	Y	
FSE enforcement	Y	ARTICLE 16-10, 16-11
Oil & grease discharge concentration limit	Y	50 mg/l
Grease removal device (GRD) requirements:		
traps	Y	
interceptors	Y	
Automatic cleaning traps	-	
FSEs subject to GRD installation:		
all FSEs (new and existing)	Y	
new FSEs	Y	
remodeled FSEs	Y	
for cause at existing FSEs	-	
GRD maintenance requirements:		
Cleaning frequency	Y	MONTHLY OR AS DEEMED NECESSARY BY CITY ENVIRONMENTAL COMPLIANCE STAFF
Kitchen BMP Requirements (list required BMPs below)		
	Y	SEE ATTACHED
Allowance for chemical additives?	N	
Allowance for biological additives?	N	
FOG Disposal Requirements	Y	APPROVED DISPOSAL LOCATION
FOG Disposal Manifest System	Y	MINIMUM OF 3 YRS

66. List out the staff positions (FTE) dedicated to the FOG Program:

Inspectors: 1
Permit writers: N/A
Administrative: 1
Other (describe): _____

67. FSE inspection frequency (years to inspect all FSEs): Annually

68. Annual number of FSE inspections: 53

69. Does Utility use CCTV to identify FOG sources? (Y/N) Y

70. Does sewer maintenance staff coordinate with FOG source control program staff? (Y/N) Y

71. Is cleaning targeted to FOG hot spots? Y

72. Do maintenance crew workers refer FSEs to the FOG program? Y

73. Are pipe repairs targeted at FOG hot spots? Y

74. Describe program for public outreach and education related to residential FOG sources:

WEBSITE, INSPECTIONS, AUDITS, COMMUNITY EVENTS, SCHOOL EVENTS

75. Provide an electronic copy of the City's FOG program plans and procedures.

SEE ATTACHED

Pipe Inspection and Condition Assessment

Gravity Main Inspection

76. Describe gravity main pipe inspected in the last ten years and planned to be inspected in the next 10 years in the following table:

Gravity Main Inspections				
Date Range	Inspection Method	Miles of Pipe (without repeats)	Useable Condition Assessment	
			Miles of Pipe (without repeats)	% of System
2004 to present	CCTV	Approx 7-8 mi		2%
2004 to present	Other			
Present to 2024	CCTV	All system		
Present to 2024	Other			

77. Does the Utility inspect force main pipe? (Y/N) N If yes, describe all methods used to inspect force main pipe: _____

78. Please provide a summary of the condition inspection findings to date: Majority of system is less than 16yrs old and in good repair.

Private Laterals

79. Does the Utility require testing, repair, or replacement of private laterals when a sale, remodel, or other triggering event occurs? (Y/N) N If yes, provide an electronic copy of the ordinance and describe how you implement the program: _____

80. Number of Private Laterals Inspected 2004 to Present: N

81. Please provide a summary of general findings from Private Lateral inspections: N/A

82. Number of Private Laterals Planned for Inspection Present to 2024: N/A

Capacity Assurance

83. Provide a list of the dates and locations where a spill was caused by a lack of capacity:

N/A

84. Provide a list of locations of known capacity bottlenecks:

4TH STREET X ARIZONA EASTERN AVE

7TH STREET X ROOSEVELT

MILLER RD X BROADWAY

85. Describe all inflow and infiltration assessments completed and include dates, area covered, findings, etc.:

- DETAILED RECORDS PREVIOUSLY NOT MAINTAINED

- MINIMAL ASSESSMENTS COMPLETED, USUALLY ONLY COMPLETED
AS NECESSARY HISTORICALLY.

Infrastructure Renewal and Capital Improvements

86. Provide information about pipes rehabilitated or replaced in the last ten years in the following table:

Planned and actual total miles of rehabilitation and replacement work		
Date Range	Miles of Pipe	% of System
2004 to present	Approx 4 miles	< 5%
Present to 2024	Approx 15 miles	
Planned and actual miles of rehabilitation and replacement work to control I/I		
2004 to present	Approx 2 miles	< 5%
Present to 2024		

87. Describe your capacity improvement program:

Currently under development

[illegible]

Environmental Services Department
 Water and Waste Management Division
 1001 North Central Avenue, Suite 150
 Phoenix, AZ 85004



Water and Wastewater Treatment Program
 Telephone: (602) 372-2861
 Facsimile: (602) 506-6925
 E-mail: WWM_TPP@mail.maricopa.gov

SPILL NOTIFICATION REPORT FOR A WASTEWATER OR RECLAIMED WATER SPILL

NOTIFICATION SUMMARY:			
Report Date:	Estimated Population Exposed:	Was this spill reported to the MCESD's Call Center? <input type="checkbox"/> No <input type="checkbox"/> Yes	
Did the spill pose an imminent and substantial threat to public health or the environment? <input type="checkbox"/> No <input type="checkbox"/> Yes			
Did the spill significantly interrupt the operation of the collection/distribution system or a treatment facility? <input type="checkbox"/> No <input type="checkbox"/> Yes			
Did the spill occur within or affect the inside of a building or structure? <input type="checkbox"/> No <input type="checkbox"/> Yes			
PERMIT/SYSTEM INFORMATION: (See Note 1)			
Category: <input type="checkbox"/> Reclaimed Water <input type="checkbox"/> Reuse <input type="checkbox"/> Wastewater	Permit Number:		
System ID: AZ - 04 - -	System Name:		
Reuse Facility Name (if applicable):			
UTILITY CONTACT INFORMATION:			
Company:		Department:	
Address:			
City:	State:	ZIP Code:	
Contact Person Name:		Contact Person Title:	
Telephone:	Mobile:	Facsimile:	
E-mail:			
SPILL DETAILS:			
Date(s):	Time(s):	Estimated Volume (Gallons):	Was the ADEQ/EPA notified of the spill? <input type="checkbox"/> No <input type="checkbox"/> Yes
Spill Location: _____ <small>(Address or Cross Streets, City, State, ZIP Code)</small>			
Does the Utility have a Capacity, Management, Operation and Maintenance (CMOM) Sewer Collection Permit? <input type="checkbox"/> No <input type="checkbox"/> Yes			
Did the discharge reach the "Waters of the U.S."? <input type="checkbox"/> No <input type="checkbox"/> Yes		Receiving Stream's Name:	
How did the Utility become aware of the spill?			
What was determined to be the cause of the spill?			
What corrective/mitigation/remediation actions have been undertaken?			

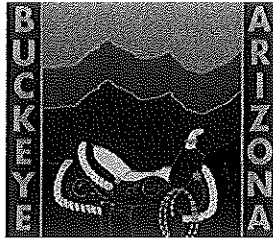
Notes:

- The permit number, system ID and system name can be obtained from the Water and Wastewater Treatment Program's 'Forms/Application' web page (www.maricopa.gov/EnvSvc/WaterWaste/WWT/Forms.aspx) by downloading the operational reclaimed water or wastewater system list. If the spill occurred at a reuse facility leave the permit number, system ID and system name fields blank and fill in the reuse facility name.
- Additional information regarding procedures, notifications and remediation actions related to spills is available at the Water and Wastewater Treatment Program's 'Spills' web page (www.maricopa.gov/EnvSvc/WaterWaste/WWT/Spills.aspx).

Notification Instructions:

Attach additional pages and supporting reference documents such as sketches, maps or photographs as required to complete this notification report. Submit the report via e-mail (WWM_TPP@mail.maricopa.gov) to the Water and Wastewater Treatment Program.

If the spill is considered to be a critical spill, an imminent and substantial threat to public health or the environment, or caused a significant interruption of the operation of the collection/distribution system or a treatment facility then telephone the Treatment Program at (602) 372-2861. If the spill occurred after normal business hours then telephone MCESD's Call Center at (602) 506-6616.



**CITY OF BUCKEYE
SEWER OVERFLOW RESPONSE PLAN
Standard Operating Procedures**

SEWER OVERFLOW RESPONSE PLAN
STANDARD OPERATING PROCEDURE
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EXHIBIT C	CITY OF BUCKEYE SEWAGE SPILL QUARANTINE REPORT FORM

SEWER OVERFLOW RESPONSE PLAN

1) PURPOSE

In case of sewer overflow, the City of Buckeye will have a formalized response plan for emergencies. The response plan will have both “During Working Hours Response Procedures” and “After Working Hours Response Procedures.” When a sewer overflow emergency occurs during regular working hours, Monday through Thursday between 6:00 a.m. to 4:30 p.m. winters working hours 5:00 a.m. to 3:30 p.m. summer working hours, staff will implement “During Working Hours Response Procedures.” If the emergency occurs before or after regular working hours, staff will implement “After Working Hours Response Procedures.”

“During Working Hours Procedures” require an appropriate combination of agency personnel consisting of trained and qualified crewmembers, Environmental/Regulatory personnel, and an Incident Commander (supervisor(s) or foreman) to respond to emergency calls. The foreman is sent to the reported overflow site to investigate and will report to the supervisor(s) if it is an overflow and if additional personnel and equipment are required. The City of Buckeye will maintain the following equipment and vehicles for on call service: sectional rodder, jet-vacuum truck(s) and maintain in working order the following, jetter trailer, safety equipment, confined space entry equipment, overflow containment supplies, plugs (various sizes), and miscellaneous emergency pipe supplies.

“After Working Hours Procedures” require a qualified standby person assigned to respond to the reporting party’s call within 20 minutes. Typically, the standby person is assigned for a 7-day period from a pool of voluntary employees trained and qualified to perform standby duties. Upon arrival at the overflow, the standby person will assess the situation, make appropriate notifications and call out additional personnel and specify the appropriate equipment required at the scene, and begin mitigating the overflow. The

standby vehicle will be equipped with the minimum equipment required to initially respond to any overflow.

2) **WORKING HOURS RESPONSE PROCEDURES**

These procedures pertain to sewer overflow emergencies occurring Monday through Thursday between:

6:00 a.m. and 4:30 p.m. – Winter

6:00 a.m. and 4:30 p.m. – Summer

THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED WHEN RESPONDING TO ALL SEWER OVERFLOW EMERGENCIES:

- A. Emergency call received by Agencies; Public Works, Water Resources, Police Department, or Customer Service.
- B. On-call responder(s) notified/dispatched to emergency.
- C. Supervisor(s) and/or foreman assume responsibility as Incident Commander. Incident Commander will be Wastewater Collections Supervisor, when he/she is working and Water Resources Director for private spills that affect a storm drain within City boundaries. They can be reached at (623) 695-8097 and/or (623) 980-4114. If Wastewater Collections Supervisor is not available, the appropriate Water Resources operator will assume the responsibility as Incident Commander.
- D. Incident Commander contacts Water Resources Director at (623) 980-4114 and Environmental Personnel; Environmental Coordinator @ (623) 249-9953 or Environmental Technician @ (623) 734-8261.
- E. First responder at scene evaluates situation and communicates with Incident Commander.

During evaluation, the first person(s) at the site has six duties:

1. Determine if the overflow emergency is completely private, risk to public right-of-way or waters of the U.S. or threatening public right-of-way or waters of the U.S.
 - i. A private overflow is defined as a sewer spill that is COMPLETELY contained on private property with no threat to spill into waters of the U.S. (private or public land) or into the public Right of Way.
 - ii. A risk is defined as a spill that is likely to enter into waters of the U.S. (private or public land) or into the public Right of Way.
 - iii. A threat to public Right of Way or waters of the U.S. is defined as a spill that is either a) spilling into the waters of the U.S. (private or public land) or into the public Right of Way or b) it is imminent that the spill will enter the waters of the U.S. (private or public land) or into the public Right of Way.
 2. Determine cause of overflow emergency.
 3. Evaluate the situation, determine what resources are needed to remedy the situation and report the information to the Incident Commander.
 4. Take digital pictures of sewer overflow emergency to determine amount of spill for reporting and documentation.
 5. Commence preliminary steps to mitigate the overflow.
 6. Take steps to protect the health and safety of the building occupants.
- F. Initiate plan of action.

Private

- i. Notify property owner that they need to call a plumber and rectify the situation as soon as possible.
- ii. The property owner needs to be informed of the proper clean-up procedures (i.e., DO NOT hose down into the public Right of Way).
- iii. Make proper notifications to the following:
 - a. City of Buckeye Building Inspectors/Environmental Personnel

- b. Arizona Department of Environmental Quality
- c. cc: Maricopa County Environmental Services Department (MCESD)

Private – Risk

- i. Call for additional personnel and equipment as required.
- ii. Contact the Water Resources Director to respond to calls within City boundaries that may/will affect a City storm drain.
- iii. Utilities Services Supervisor or Water Resources representative will notify property owner that they need to call a plumber to rectify the situation as soon as possible.
- iv. Incident Commander tracks spill progress to ensure the spill does not become a threat as defined above.
- v. The property owner needs to be informed of the proper clean-up procedures (i.e., DO NOT hose down into the public ROW).
- vi. Make proper notifications to the following:
 - a. City of Buckeye Storm water Environmental/Regulatory Coordinator
 - b. Arizona Department of Environmental Quality/MCESD

Private – Threat

- i. Call for additional personnel and equipment as required.
- ii. Contact the Water Resources Director to respond to calls within City boundaries that may/will affect a City storm drain.
- iii. Utilities Services Supervisor or Water Resources representative will notify property owner/manager or resident(s) that water will be shut off immediately – INQUIRE if there is any tenant with medical condition that requires water service (e.g., dialysis, etc.).
- iv. Shut off and lock water meter (2 hours)

- v. Notify City of Buckeye Water Department @ 623-349-6108 to tell them why water meter has been shut off and locked until further notice.
- vi. Notify property owner that a plumber has been called to rectify the situation as soon as possible and that the City will be back charging them for the costs.
- vii. Make proper notifications to the following:
 - a. City of Buckeye Building Inspectors/Environmental Personnel
 - b. Arizona Department of Environmental Quality/MCESD

In areas where the City provides wastewater service, but water is provided by a private water company, it is necessary to notify the private water company to terminate water service. A list of private water companies is in the back of the manual.

- viii. Public
 - i. Correct cause of the overflow. Correct the cause of the spill (blockage, pump station failure).
 - ii. Clean up overflow site. Clean up of the site requires four (4) steps:
 - a. Thorough cleansing of site and removal of debris
 - b. Disinfecting of site
 - 1. Spread granular or liquid chlorine
 - 2. Flush the site with water from water truck or jetting machine.
 - c. Posting of signs and barricades if necessary
 - iii. Utilities Services Supervisor, Incident Commander and/or Water Resources Director contacts City Risk Management if (1) spill is caused by City main blockage or (2) there is damage to personal property involved in the spill or sewage has entered a storm drain.
 - iv. Written reports from crew member(s) who responded to call. Written report must contain the following information: overflow amount, location, time, photos and who has been notified.
 - v. Incident Commander initiates "Reporting" to Environmental/Regulatory Coordinator.

- vi. Environmental/Regulatory Coordinator initiates Reporting to appropriate regulatory agencies.

3) AFTER WORKING HOURS RESPONSE PROCEDURES

These procedures pertain to sewer overflow emergencies occurring after hours Monday through Sunday.

THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED WHEN RESPONDING TO ALL SEWER OVERFLOW EMERGENCIES.

- A. Emergency call received by agency's after hour's answering service.
- B. Standby person notified. The standby person receives information on sewer overflow emergencies (time, location, and caller).
- C. Standby person evaluates situation. During evaluation, the person(s) at the site has six (6) duties:
 - 1. Determine if the overflow emergency is completely private, risk to public right-of-way or waters of the U.S. or threatening public right-of-way or waters of the U.S.
 - i. A private overflow is defined as a sewer spill that is COMPLETELY contained on private property with no threat to spill into waters of the U.S. (private or public land) or into the public right-of-way.
 - ii. A risk is defined as a spill that is likely to enter into waters of the U.S. (private or public land) or into the public right-of-way.
 - iii. A threat to public right-of-way or waters of the U.S. is defined as a spill that is either
 - a) spilling into waters of the U.S. (private or public land) or into the public right-of-way or b) it is imminent that the spill will enter the waters of the U.S. (private or public land) or into the public right-of-way.

2. Determine cause of overflow emergency.
3. Evaluate the situation, determine what resources are needed to remedy the situation and report the information to the Incident Commander.
4. Take pictures of sewer overflow emergency to determine amount of spill for reporting and documentation.
5. Commence preliminary steps to mitigate the overflow.
6. Take steps to protect the health and safety of the building occupants.
7. Contact Water Resources Director for all private sewer overflows that are at risk of reaching a City storm drain.

D. Initiate plan of action.

Private

- i. Notify property owner that they need to call a plumber and rectify the situation as soon as possible.
- ii. The property owner needs to be informed of the proper clean-up procedures (i.e., DO NOT hose down into the public Right of Way).
- iii. Make proper notifications to the following:
 - a. City of Buckeye Building Inspectors/Environmental Personnel
 - b. Arizona Department of Environmental Quality (Discretion of Water Resources director)
 - c. cc: Maricopa County Environmental Services Department (MCESD) (Discretion of Water Resources director)

Private – Risk

- vii. Call for additional personnel and equipment as required.
- viii. Contact the Water Resources Director to respond to calls within City boundaries that may/will affect a City storm drain.

- ix. Utilities Services Supervisor or Water Resources representative will notify property owner that they need to call a plumber to rectify the situation as soon as possible.
- x. Incident Commander tracks spill progress to ensure the spill does not become a threat as defined above.
- xi. The property owner needs to be informed of the proper clean-up procedures (i.e., DO NOT hose down into the public ROW).
- xii. Make proper notifications to the following:
 - a. City of Buckeye Storm water Environmental/Regulatory Coordinator
Arizona Department of Environmental Quality/MCESD (Discretion of Water Resources director)

Private – Threat

- ix. Call for additional personnel and equipment as required.
- x. Contact the Water Resources Director to respond to calls within City boundaries that may/will affect a City storm drain.
- xi. Utilities Services Supervisor or Water Resources representative will notify property owner/manager or resident(s) that water will be shut off immediately – INQUIRE if there is any tenant with medical condition that requires water service (e.g., dialysis, etc.).
- xii. Shut off and lock water meter (2 hours)
- xiii. Notify City of Buckeye Water Department @ 623-349-6108 to tell them why water meter has been shut off and locked until further notice.
- xiv. Notify property owner that a plumber has been called to rectify the situation as soon as possible and that the City will be back charging them for the costs.

- xv. Make proper notifications to the following:
 - a. City of Buckeye Building Inspectors/Environmental Personnel
 - b. Arizona Department of Environmental Quality/MCESD
- vii. In areas where the City provides wastewater service, but water is provided by a private water company, it is necessary to notify the private water company to terminate water service. A list of private water companies is in the back of the manual.

Public

- i. Utilities Services Supervisor will call additional personnel and equipment as required.
- ii. Correct cause of the overflow. Correct the cause of the spill (blockage, pump station failure).
- iii. Clean-up overflow site. Clean-up of the site requires four (4) steps:
 - a. Thorough cleansing of site and removal of debris
 - b. Disinfecting of site:
 - 1. Spread granular or liquid chlorine
 - 2. Flush the site with water from water truck or jetting machine.
 - c. Determination of spill size
 - d. Posting signs if necessary
- iv. Contact City Risk Management during the next working day if (1) spill is caused by City main blockage or (2) there is damage to personal property involved in the spill.
- v. Written reports from crew member(s) who responded to call.

Written report must contain the following information: overflow amount, location, time, and who has been notified.

- vi. Supervisor initiates "Reporting" to Environmental Coordinator if necessary.

Environmental Coordinator will consult with the regulatory agencies to meet all reporting and posting requirements.

4) **SEWAGE SPILL EMERGENCY AND NOTIFICATION PROCEDURE**

Purpose

The purpose of this public safety practice is to provide procedures to be implemented in the event of a wastewater spill.

General

In the event of a spill, the first priority is to assess the situation and control the spill. If the discharge cannot be contained, the standby person should be notified, and any other personnel deemed necessary to assist in correcting or controlling the spill.

All wastewater spills must be reported promptly to the proper agencies, as identified in this procedure.

City Staff Notification

Notification of City staff should be made with one of the following within fifteen minutes from the time you become aware of a spill.

Private Spills Affecting City Storm Drains

The Water Resources Director shall be contacted immediately for any private sewer spill that reaches a City storm drain. The Environmental Coordinator will make all appropriate agency notifications.

PRIORITY NOTIFICATION LIST

SEWER RELATED COMPLAINTS/SPILLS DURING REGULAR BUSINESS HOURS

- | | | | |
|----|-----------------|------------------------------|----------------|
| 1. | Barry Hess | Water Resources Manager | (623) 695-8097 |
| 2. | Arnold Coronado | Production Supervisor | (623) 764-2171 |
| 3. | Dave Nigh | Water Resources Director | (623) 980-4144 |
| 4. | Derek Garza | Water Resources Operator I I | (623) 695-4764 |
| 5. | Richard Cohen | Environmental Coordinator | (623) 249-9953 |
| 6. | Sam Acuna | Water Resources Operator III | (623) 349-0296 |

AFTER HOURS CONTACT DISPATCH – (623) 349-6400 Police Department Dispatch

- | | | | |
|----|--------------------|----------------------|------------------------|
| 1. | On- Call Utilities | Cell (623) 764-4851 | Home: |
| 2. | Barry Hess | Cell: (623) 695-8097 | Home: |
| 3. | Arnold Coronado | Cell: (623) 695-1925 | Home: |
| 4. | Dave Nigh | Cell (623) 980-4144 | Home: |
| 5. | Mel Lanier | Cell: (623) 734-8261 | Home: (602) 565-6233 |
| 6. | Richard Cohen | Cell: (623) 249-9953 | Office: (602) 978-1626 |

A. ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY NOTIFICATION

The following sewage spills should be reported:

1. Any discharge to the Gila or Hassayampa Rivers, named and unnamed washes, arroyos and open storm drains.
2. Any discharge more than 50 gallons.
3. Any discharge near homes, schools, parks or areas, which are accessible to the public.

NOTIFICATION FOR ALL SPILLS

1. Arizona Department of Environmental Quality (ADEQ)
Hazardous Spills – 24 Hour Hotline (602) 771-2330
2. Maricopa County Environmental Services Department (MCESD)
Environmental Emergency – After Hours (602) 506-6616
Facsimile (602) 506-6862

C. NOTIFICATIONS FOR SPILLS GREATER THAN 2,000 GALLONS ONLY

Any spill over 2,000 gallons is considered a major spill in the State of Arizona. The Environmental/Regulatory Coordinator is responsible for reporting requirements as mandated by the Arizona Department of Environmental Quality for major spills that may occur in the City of Buckeye.

Pump Station Related Spill Dispatch:

- | | | | |
|----|---------------|------------------------------|----------------|
| 1. | Dave Nigh | Water Resources Director | (623) 980-4144 |
| 2. | Barry Hess | Water Resources Manager | (623) 694-5824 |
| 3. | Richard Cohen | Compliance Coordinator | (623) 249-9953 |
| 4. | Sam Acuna | Water Resources Operator III | (623) 349-0296 |

Incident Documentation

The following information must be recorded accurately and documented.

- a. Date and time the spill started (occurred, began).

- b. Date and time the spill was stopped (ceased). In the event that the overflow has not been abated, then state what is being done and give an estimated time of repair/correction.
- c. Estimate the volume discharged. Include how you arrived at the quantity.
- d. Location of spill, i.e., street location, retention basin, riverbed, wash, arroyo, chaparral, north, south, yards, feet, etc.
- e. Structure where the spill occurred, i.e., pump station, manhole, force main, sewer line, etc.
- f. Cause of spill, i.e., equipment/power failure, blockage, etc.
- g. Final destination of the spill and other conditions if applicable, i.e., retention basin, swale, wash, riverbed, arroyo, flood control channel, etc.
- h. Test results should be verified by Environmental/Regulatory Coordinator in an amount determined by the Water Resources Director.

In the event of a wastewater spill, immediate notification must be made to the proper authorities. The responsibility of notifying the authorities is to be made at the Environmental/Regulatory Coordinator level (or designee). Prior to reporting the spill, review the documentation to make sure it is complete. **Remember, always document the date, time and name of the person receiving the incident report.**

Private sewer spills affecting any City storm drain shall be reported by the Environmental/Regulatory Coordinator. The Environmental/Regulatory Coordinator will complete and forward all appropriate paperwork to the proper personnel and agencies.

5) POSTING WARNING SIGNS/BARRICADES AND SAMPLING

- A. The posting of receiving waters with contaminated water signs is required by ADEQ. Although ADEQ is the responsible authority for directing the closure of areas and the posting of signs, the City has made the decision to be proactive in this area. Therefore, if a spill occurs and there is a possibility of wastewater entering recreational waters or other waterways where the public may

come in contact, posting of those areas will be made, but only at the direction of the Director of Water Resources or Designee.

B. Contaminated water signs are to be posted at the spill site and the quarantine area, as determined by ADEQ and/or as necessary to reasonably warn the public.

1. If posting of any waterways is required, the signs shall be placed at 50-foot intervals for a minimum of 600 feet on each side of the rivers and washes.

2. If posting of ponds, retention basins or wetlands is required, the signs shall be placed at a minimum of 50-foot intervals for high use areas and every 600 feet for low use areas.

C. The location and placement of all warning signs and tape shall be recorded using the “City of Buckeye Sewage Spill Quarantine Report Form” and vicinity map associated with the spill site (Exhibit C). Twice daily, inspections of the spill site and quarantined area shall be made to replace and/or repair signs and ensure that proper posting is being maintained. Each site visit will require that a “Sewer Spill Quarantine Report” be completed documenting sign replacement and other items of importance.

1. Warning signs are to be maintained until the Director of Public Works or designee has given direction. The Arizona Department of Health Services (ADHS) requires a minimum of three (3) consecutive days of negative laboratory results before considering lifting restrictions.

2. A guideline for determining when it is appropriate to remove warning signs when a spill has been made to a waterway is as follows: three days after spill posting, take fecal coliform sample both up and downstream of the spill area. If the MPN are less than 1,000 (fecal coliform) or less than 200 (Membrane Filter Method) signs can be removed

or, if the downstream results (MPN) are less or equal to the results obtained at the upstream location, signs can be removed. (Check AZPDES Permit for limitations)

- D. An inventory of spill warning signs in English and/or Spanish, wood stakes, along with caution tape, will be maintained at the Public Works Yard. These supplies will be maintained at a sufficient level to ensure proper posting of an area in the event of a major spill.
- E. Water Resources (Could be Environmental/Regulatory) shall maintain a backup inventory of spill signs for all private sewer spills affecting public storm drains within City boundaries.

Sampling

- A. Sampling of the receiving waters should be conducted as soon as possible after the spill incident has been controlled. Environmental/Regulatory Division will collect the sample and deliver it to the laboratory.
- B. The Environmental/Regulatory Division/Water Resources Director will develop a sampling program and implement collection and testing as soon as possible after the spill.
- C. Daily laboratory results will be reported to the Water Resources Environmental/Regulatory Coordinator or designee prior to notifying ADEQ. ADEQ is to be notified daily of test results as long as restrictions are in place to protect the public.

6) MEDIA AND PUBLIC RESPONSE

- A. The Public Information Officer (PIO)/City of Buckeye or designee will handle information to the media.

- B. Inquiries by the public, newspapers, and television and radio stations should be referred to the PIO. Only when directed by the PIO should personnel attempt to respond to questions or explain the spill incident and/or actions being taken?
- C. The Maricopa Health Services Department will issue media releases as required.

7) **SEWAGE SPILL NOTIFICATION AND REPORTING FORMS**

Arizona Department of Environmental Quality

- 1. Immediate telephone reporting of a sewer overflow event in excess of 50 gallons.
- 2. Public Information Officer is the person who releases information to the local newspapers regarding the sewer overflow event. Copies of any press releases are to be sent to ADEQ.
- 3. Contact State of Arizona Hazardous Spills – 24 Hour Hotline @ (602) 771-2330 if the overflow event is greater than 2,000 gallons. Report spill and obtain control number.
- 4. Submit the completed Sewer Overflow Spill report within 24 hours following the beginning of the sewer overflow event.

Arizona Department of Environmental Quality

Mail Code 5415 B-1

1110 West Washington Avenue Phoenix, AZ 85007

Attn John Gibbons

8) **MITIGATION OF CITY CAUSED SPILL**

A. Purpose:

If the backup of the City main sewer line causes a sewage spill, the City has a responsibility to restore or replace any lost property to as near to its pre-spill condition as possible. It is important that all assigned personnel regarding any liability demands follow proper procedures. In order to best insure that an individual's or company's property is restored to as close to its pre-spill condition as possible, the following steps will be taken:

B. Water Resources:

1. General: Water Resources employees are required to report potential liability claims against the City to their immediate supervisor. That supervisor will report this information to Water Resources Director/ Risk Manager immediately upon being informed by a given employee. No water resources employee shall offer opinions to the public regarding City liability in any incident that may occur in the course of their work. Risk Management will determine liability in all cases following an investigation into each incident. Division employees are to refer all inquiries regarding liability claims to the Risk Manager. The Water Resources Director/PIO designee will be responsible for any press releases or direct responses to inquiries by members of the press.
2. Potential Claims: When an individual informs any member of the Public Works Department/Water Resources Department that he or she intends to file a liability claim against the City, that individual will be directed to contact the Risk Management Office for the appropriate procedures to make a claim. The contact person for the City is Jean Poe @ (623) 349-6251 or jpoe@buckeyeaz.gov.
3. Response to a Spill: When a spill occurs, Water Resources personnel will:

- (a) *Refrain from giving any opinions as to the cause of the emergency.*

- (b) Be courteous and professional.
- (c) Be customer oriented.
- (d) Inspect the scene carefully.
- (e) Take digital photographs of the spill damage before any clean-up is begun.
- (f) Obtain the details surrounding the emergency.
- (g) Refrain from arguing with affected residents.
- (h) Do not apologize for the emergency.
- (i) Obtain and fill out the City's reporting form – Emergency Incident Report.
- (j) Turn in the Emergency Incident Form to immediate supervisor as soon as possible.
- (k) Measure area of spill (L x W x H)

4. Notification of Risk Management: When a spill is determined to be caused by the backup of the City main sewer line and not the lateral, the Utilities Services Supervisor will notify the Water Resources Director (623) 980-4114, and Risk Management (623)-349-6251 at the first possible time during working hours if:

- (a) The spill is caused by the City main sewer line backup, and
- (b) The spill has caused some property damage to the residence or business (i.e., carpet soiled, furniture or clothes contaminated that must be thrown away, etc.),
or
- (c) If, in the opinion of the Utilities Services Supervisor, there exists the possibility of a future claim from the spill (i.e., loss of wages, emotional stress, etc.)

5. Water Resources Responsibility: Utilities Services will be responsible for stopping the spill and clearing the blockage. Utilities Services will contact Risk Management for the following:

- (a) If emergency housing is needed, the Water Resources Director or the Risk Manager will make that authorization.

6. What Water Resources is **NOT** responsible for: Water Resources will not be responsible for replacing or paying for any of the following items:

- (a) Carpeting replacement
- (b) Clothing cleaning or replacement
- (c) Furniture replacement
- (d) Food, phone calls, any miscellaneous expenses

Note: The above listed items will be addressed through the claims process.

C. **Risk Management:**

When Risk Management receives notification of a sewage spill, Risk Management will take the following actions:

- 1. Determine if there has been property damage that might warrant a claim, and if there is,
- 2. Notify the City's claims adjusting services that there has been sewage spill and that a claims adjuster is needed to document the spill damage.
- 3. Make the final recommendation to either settle or deny any filed claim.

D. **Claims Adjusting Service:**

When notified by the City's Risk Management Division of a sewage spill that needs a claim adjuster, adjusting service will provide the following:

1. Notification to the potential claimant (owner or renter of the site of the spill) of the adjuster's representation of the City.
2. Investigation of the claim.
3. Negotiation of the replacement of any damaged / removed floor covering, drapes or furniture.
4. Negotiation of the settlement of any remaining expenses claimed by the owner and/or renter of the property where spill occurred.
5. Make a recommendation to the City Risk Manager to either settle or deny the claim.

Claims Adjuster Contact:

Jean Poe – City of Buckeye (623) 349-6251

Additional Telephone numbers

Public Works Director	Scott Lowe	623-261-8999
Water Resources Director	Dave Nigh	623-980-4144
Water Resources Manager	Barry Hess	623-695-8097
Production Supervisor	Arnold Coronado	623-764-2171
Environmental Coordinator	Richard Cohen	623-249-9953
Environmental Technician	Mel Lanier	623-734-8261
Wastewater Plant Supervisor	Victor Mesquias	623-764-4849
Plant Operator III	Jason Battern	623-640-8078
Waste Water Plant	On-Call Phone	623-252-7552
Gail House	Management Assistant	623-349-6103
Global water office		623-518-4085
Global water After-hours		623-882-4030
AZ American Water		602-445-2420
Arizona Water Company		602-240-6860
APS		602-371-7171

S/W Gas	602-861-1999
AZ Blue Stake	602-263-1100
Quest communications	888-728-9343



Janice K. Brewer
Governor

ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



Henry R. Darwin
Director

February 21, 2014

LTF ID: 57328

Mr. Dave Nigh
City of Buckeye
Sundance Wastewater Reclamation Facility
423 Arizona Eastern Avenue
Buckeye, Arizona 85326

Re: AZPDES Permit Application No. AZ0024881
Sundance Wastewater Reclamation Facility, 21760 W. Watkins Street, Buckeye, Arizona

Dear Mr. Nigh:

Enclosed is a signed copy of your AZPDES permit and fact sheet for the above referenced facility. Please note the effective date and expiration date for your permit. If you wish to renew this permit, a complete and accurate application must be submitted no later than 180 days prior to the permit expiration date. Thank you for your cooperation in protecting the water quality of the State of Arizona.

Please contact me at (602) 771-4515 or email me at rc7@azdeq.gov if you have any questions about this permit or need further assistance.

Sincerely,

Ramona Chomor
Surface Water Section, Permits Unit
Water Quality Division

Enclosures: Signed AZPDES Permit No. AZ0024881
Final Fact Sheet

SWSPUI4: 0042

Southern Regional Office
400 West Congress Street • Suite 433 • Tucson, AZ 85701
(520) 628-6733



ARIZONA POLLUTANT DISCHARGE ELIMINATION SYSTEM (AZPDES)

FACT SHEET

This document gives pertinent information concerning the reissuance of the AZPDES permit listed below. This facility is a wastewater treatment plant with a design capacity of 3.5 MGD, and thus is considered to be a major facility under the NPDES program. The effluent limitations contained in this permit will maintain the Water Quality Standards listed in Arizona Administrative Code (A.A.C.) R18-11-101 et. seq. This permit is proposed to be issued for a period of 5 years.

Permittee's Name:	City of Buckeye
Mailing Address:	423 Arizona Eastern Avenue Buckeye, Arizona, 85326
Facility Name:	Sundance Wastewater Reclamation Facility
Facility Location:	21760 W. Watkins Street Buckeye, Arizona, 85326
Contact Person(s):	Dave Nigh (623) 349-6800
AZPDES Permit No.	AZ0024881
Inventory No.	105022

I. STATUS OF PERMIT(s)

The City of Buckeye (City) has applied for a renewal of their Arizona Pollutant Discharge Elimination System (AZPDES) permit to allow the discharge of tertiary treated domestic wastewater from the Sundance Wastewater Reclamation Facility (WRF) in Buckeye, Arizona to the Buckeye Irrigation District Canal in Maricopa County, Arizona. This application was received by the Arizona Department of Environmental Quality (ADEQ) on December 11, 2012 and was determined to be administratively complete on April 5, 2013.

A 208 Plan Consistency Review was conducted on January 22, 2008; based on a review of the application, the facility remains consistent with the Regional Water Quality Management Plan.

The City currently has an Aquifer Protection Permit (APP) No. P105022 and a Reuse Permit No. R105261, both issued by ADEQ for discharges from the Sundance WRF. The APP regulates discharges to the local aquifer and the Reuse permit regulates the practice of reusing the treated wastewater for irrigation at the Sundance Golf Course.

B. PRETREATMENT REQUIREMENTS

1. The permittee shall be responsible and liable for the performance of all Control Authority pretreatment requirements contained in 40 CFR Part 403, including any subsequent regulatory revisions to Part 403. Where Part 403 or subsequent revision places mandatory actions upon the Permittee as Control Authority but does not specify a timetable for completion of the actions, the Permittee shall complete the required actions within six months from the issuance date of this permit or the effective date of the Part 403 revisions, whichever comes later. For violations of pretreatment requirements, the Permittee shall be subject to enforcement actions, penalties, fines and other remedies by ADEQ, the U.S. Environmental Protection Agency (EPA) or other appropriate parties as provided in the Act. ADEQ or EPA may initiate enforcement action against a nondomestic user for noncompliance with applicable standards and requirements as provided in the Act.
2. The permittee shall enforce the requirements promulgated under sections 307(b), 307(c), 307(d) and 402(b) of the Act with timely, appropriate and effective enforcement actions. The Permittee shall cause all nondomestic users subject to federal categorical standards to achieve compliance no later than the date specified in those requirements or, in the case of a new nondomestic user, upon commencement of the discharge.
3. The permittee shall perform the pretreatment functions as required in 40 CFR Part 403 including, but not limited to:
 - a. Implement the necessary legal authorities as provided in 40 CFR Part 403.8(f)(1);
 - b. Enforce the pretreatment requirements under 40 CFR Part 403.5 and 403.6;
 - c. Implement the programmatic functions as provided in 40 CFR Part 403.8(f)(2); and
 - d. Provide the requisite funding and personnel to implement the pretreatment program as provided in 40 CFR Part 403.8(f)(3).
4. The permittee shall submit annually a report to ADEQ and EPA, Region 9 describing its pretreatment activities over the previous year. In the event the permittee is not in compliance with any conditions or requirements of this permit, then the permittee shall also include the reasons for noncompliance and state how and when the permittee shall comply with such conditions and requirements. This annual report shall cover operations from January 1 through December 31 and is due on February 28 of each year. The report shall contain, but not be limited to, the following information:
 - a. A summary of analytical results from representative, flow proportioned, 24-hour composite sampling of the POTWs influent and effluent for those pollutants EPA has identified under section 307(a) of the Act which are known or suspected to be discharged by nondomestic users. This will consist of an annual full priority pollutant scan, with quarterly samples analyzed only for those pollutants detected in the full scan. The Permittee is not required to sample and analyze for asbestos. Sludge sampling and analysis are covered in the sludge section of this permit. The permittee shall also provide any influent or effluent monitoring data for non-priority

pollutants which the permittee believes may be causing or contributing to interference or pass through. Sampling and analysis shall be performed with the techniques prescribed in 40 CFR Part 136;

- b. A discussion of Upset, Interference or Pass Through incidents, if any, at the treatment plant which the permittee knows or suspects were caused by nondomestic users of the POTW system. The discussion shall include the reasons why the incidents occurred, the corrective actions taken and, if known, the name and address of the nondomestic user(s) responsible. The discussion shall also include a review of the applicable pollutant limitations to determine whether any additional limitations, or changes to existing requirements, may be necessary to prevent pass through or interference;
- c. An updated list of the City's significant industrial users (SIUs) including their names and addresses, and a list of deletions, additions and SIU name changes keyed to the previously submitted list. The permittee shall provide a brief explanation for each change. The list shall identify the SIUs subject to federal categorical standards by specifying which set(s) of standards are applicable to each SIU. The list shall also indicate which SIUs are subject to local limitations;
- d. The permittee shall characterize the compliance status of each SIU by providing a list or table which includes the following information:
 - i. Name of the SIU;
 - ii. Category, if subject to federal categorical standards;
 - iii. The type of wastewater treatment or control processes in place;
 - iv. The number of samples taken by the POTW during the year;
 - v. The number of samples taken by the SIU during the year;
 - vi. For an SIU subject to discharge requirements for total toxic organics, whether all required certifications were provided;
 - vii. A list of the standards violated during the year. Identify whether the violations were for categorical standards or local limits;
 - viii. Whether the facility is in significant noncompliance (SNC) as defined at 40 CFR 403.12(f)(2)(vii) at any time during the year; and
 - ix. A summary of enforcement or other actions taken during the year to return the SIU to compliance. Describe the type of action, final compliance date, and the amount of fines and penalties collected, if any. Describe any proposed actions for bringing the SIU into compliance;
- e. A brief description of any programs the POTW implements to reduce pollutants from nondomestic users that are not classified as SIUs;
- f. A brief description of any significant changes in operating the pretreatment program which differ from the previous year including, but not limited to, changes concerning the program's administrative structure, local limits, monitoring program or monitoring frequencies, legal authority, enforcement policy, funding levels, or staffing levels;

- g. A summary of the annual pretreatment budget, including the cost of pretreatment program functions and equipment purchases; and
 - h. A summary of activities to involve and inform the public of the program including a copy of the newspaper notice, if any, required under 40 CFR 403.8(f)(2)(vii).
5. The permittee shall submit the annual report pertaining to pretreatment activities and the annual compliance reports as discussed above to the following EPA Region 9 and ADEQ Pretreatment Coordinator addresses:

Pretreatment Coordinator
 EPA Region 9
 75 Hawthorne Street
 San Francisco, CA 94105

Pretreatment Coordinator
 Arizona Department of Environmental Quality
 Mail code: 5415B-1
 1110 W. Washington Street
 Phoenix, AZ 85007

C. REOPENER

This permit may be modified per the provisions of A.A.C. R18-9-B906, and R18-9-A905 which incorporates 40 CFR Part 122. This permit may be reopened based on newly available information; to add conditions or limits to address demonstrated effluent toxicity; to implement any EPA-approved new Arizona water quality standard; or to re-evaluate reasonable potential (RP), if assessment levels in this permit are exceeded.

Richard Cohen

From: Daniel Czecholinski <Czecholinski.Daniel@azdeq.gov>
Sent: Thursday, April 10, 2014 4:19 PM
To: Richard Cohen
Subject: RE: Spill Report for Sundance WRF

Thank you for the report

From: Richard Cohen [mailto:rcohen@buckeyeaz.gov]
Sent: Thursday, April 10, 2014 4:03 PM
To: Daniel Czecholinski
Subject: Spill Report for Sundance WRF

Daniel,
Please find attached the Spill Report Form we submitted to MCESD. Please let me know if this is sufficient for your purposes or if you any other questions needing attention.
Thanks for your time and help with this.

Richard Cohen

City of Buckeye
Water Resources
Environmental Coordinator
Direct: (623) 349-6127
Cell: (623) 249-9953
Fax: (623) 349-6850
Email: rcohen@buckeyeaz.gov

NOTICE: This e-mail (and any attachments) may contain PRIVILEGED OR CONFIDENTIAL information and is intended only for the use of the specific individual(s) to whom it is addressed. It may contain information that is privileged and confidential under state and federal law. This information may be used or disclosed only in accordance with law, and you may be subject to penalties under law for improper use or further disclosure of the information in this e-mail and its attachments. If you have received this e-mail in error, please immediately notify the person named above by reply e-mail, and then delete the original e-mail. Thank you.

Environmental Services Department
Water and Waste Management Division
1001 North Central Avenue, Suite 150
Phoenix, AZ 85004



Water and Wastewater Treatment Program
Telephone: (602) 372-2861
Facsimile: (602) 506-6925
E-mail: WWM_TPP@mail.maricopa.gov

NOTIFICATION SUMMARY: Eric Kaupanger was immediately notified via phone and emailed of spill on 04/09/14 at 5:33 pm.			
Report Date: 04/09/14	Estimated Population Exposed: 0	Was this spill reported to the MCESD's Call Center? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Did the spill pose an imminent and substantial threat to public health or the environment? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Did the spill significantly interrupt the operation of the collection/distribution system or a treatment facility? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Did the spill occur within or affect the inside of a building or structure? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
PERMIT/SYSTEM INFORMATION: (See Note 1)			
Category: <input type="checkbox"/> Reclaimed Water <input type="checkbox"/> Reuse <input checked="" type="checkbox"/> Wastewater	Permit Number: 37028		
System ID: AZ - 04 - 37 - 028	System Name: BUCKEYE SUNDANCE WWS		
Reuse Facility Name (if applicable):			
UTILITY CONTACT INFORMATION:			
Company: CITY OF BUCKEYE		Department: WATER RESOURCES DEPARTMENT	
Address: 423 ARIZONA EASTERN AVENUE			
City: BUCKEYE		State: AZ	ZIP Code: 85326
Contact Person Name: RICHARD COHEN		Contact Person Title: COMPLIANCE COORDINATOR	
Telephone: 623-349-6127	Mobile: 623-249-9953	Facsimile:	
E-mail: RCOHEN@BUCKEYEAZ.GOV			
SPILL DETAILS:			
Date(s): 4/08/14	Time(s): 10:20 PM	Estimated Volume (Gallons): 1200	Was the ADEQ/EPA notified of the spill? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Spill Location:	MANHOLE AT W RIPPLE RD W HILTON AVE AND 216 TH LN W, RIPPLE RD, BUCKEYE AZ, 85326		
21760 W. Watkins Rd. Buckeye AZ, 85326 is the address of the Sundance WRF			
Does the Utility have a Capacity, Management, Operation and Maintenance (CMOM) Sewer Collection Permit? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Did the discharge reach the "Waters of the U.S."? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Receiving Stream's Name: NA	
How did the Utility become aware of the spill? POLICE DISPATCH NOTIFIED THE OPERATOR ON CALL OF A SMALL WATER DISCHARGE AT THE MANHOLE LOCATED NEAR W, RIPPLE RD. AND W, HILTON AVE, ADJACENT TO THE SUNDANCE WRF.			
What was determined to be the cause of the spill? A GROUND FAULT OF A LARGE SBR BLOWER AT THE SUNDANCE WRF CAUSED THE MAIN BREAKER AND SCADA/ALARM TO SHUT DOWN WHICH INCLUDED THE PLANT INFLUENT WET WELL.			
What corrective/mitigation/remediation actions have been undertaken? THE OPERATOR ON CALL IMMEDIATELY CALLED FOR ADDITIONAL SUPPORT WHICH INCLUDED A VACTOR TRUCK. THE SPILL WAS VACTORED UP AND DISPOSED OF BACK INTO THE ADJACENT MANHOLE TO THE PLANT DUE TO THE FACT THAT THE PLANT POWER HAD BEEN RESTORED AND TAKING FLOW AGAIN. CREWS APPLIED HTH TO DISINFECT ALL AFFECTED AREAS ALONG WITH AN EXTENSIVE FLUSHING OF THE AFFECTED AREA WITH A WATER TRUCK. THE EXCESS DISINFECTION FLUSH WAS ALSO VACTORED UP AND DISPOSED OF BACK INTO THE ADJACENT MANHOLES TO THE SUNDANCE WRF. THE CITIES STREET SWEEPER WAS CALLED OUT THE NEXT MORNING TO GO OVER THE SAME AFFECTED AREAS AS A PRECAUTION.			

SPILL NOTIFICATION REPORT FOR A WASTEWATER OR RECLAIMED WATER SPILL

Notes:

- The permit number, system ID and system name can be obtained from the Water and Wastewater Treatment Program's 'Forms/Application' web page (www.maricopa.gov/EnvSvc/WaterWaste/WWT/Forms.aspx) by downloading the operational reclaimed water or wastewater system list. If the spill occurred at a reuse facility leave the permit number, system ID and system name fields blank and fill in the reuse facility name.
- Additional information regarding procedures, notifications and remediation actions related to spills is available at the Water and Wastewater Treatment Program's 'Spills' web page (www.maricopa.gov/EnvSvc/WaterWaste/WWT/Spills.aspx).

Notification Instructions:

Attach additional pages and supporting reference documents such as sketches, maps or photographs as required to complete this notification report. Submit the report via e-mail (WWM_TPP@mail.maricopa.gov) to the Water and Wastewater Treatment Program.

**Environmental Services Department
Water and Waste Management Division
1001 North Central Avenue, Suite 150
Phoenix, AZ 85004**



**Water and Wastewater Treatment Program
Telephone: (602) 372-2861
Facsimile: (602) 506-6925
E-mail: WWM_TPP@mail.maricopa.gov**

If the spill is considered to be a critical spill, an imminent and substantial threat to public health or the environment, or caused a significant interruption of the operation of the collection/distribution system or a treatment facility then telephone the Treatment Program at (602) 372-2861. If the spill occurred after normal business hours then telephone MCESD's Call Center at (602) 506-6616.

Fats, Oil and Grease Program – (FOG)

As mandated by the rules and regulations of the U.S. EPA and ADEQ the City of Buckeye through its Industrial Pretreatment Guidelines (IPG) is required to prevent the commercial and industrial sources of pollution discharged into the sanitary sewer and eventually the wastewater treatment facilities. The FOG Program is a component of the comprehensive IPG designed to deal specifically with Fats, Oils and Grease. The FOG Program prohibits the discharge of fats, oils, and grease down the drain in excessive amounts which accumulates in sewer pipes and over time, can build up and restrict the flow in the pipe contributing to:

- Untreated wastewater to back up into your business or home, and possible overflowing of manholes into the street, known as Sanitary Sewer Overflows (SSO's). These are a serious public health hazard.
- Public relations challenges due to odor problems from hydrogen sulfide gas accumulation. Usually associated with a rotten egg odor.
- Major increase of cost expenditure for repetitive maintenance, repair and premature replacement of sewer lines and equipment related to lift stations and the waste water plants.

FOG – Source & Control

FOG wastes are typically generated at Food Service Establishments (FSE's) as byproducts from food preparation but whether originating from a FSE, a business performing vehicle and equipment maintenance, or some other source, any FOG reaching the sanitary sewer system can cause a variety of problems.

As a result the FOG Program is designed to identify, control and enforce oil and grease discharges and to provide educational information to non-domestic users using the following key objectives:

- Requiring the installation of grease traps/interceptors for non-domestic facilities based off their potential for generating FOG.
- Verification of properly maintained grease control devices through inspections and follow up.
- Maintaining a current and accurate FSE inventory.
- Educate FSE's, commercial and industrial facilities on Best Management Practices.
- Maintaining necessary resources and proper training to ensure FOG Program Success.

Grease Control Devices (GCD)

A GCD is a term used for any conventional grease interceptor, grease trap, grease removal device or alternative technology used to separate oil and grease from wastewater.

Grease Interceptor

A grease interceptor is a control device that operates by gravity designed to separate and hold fats, oils, greases and solids while allowing the wastewater to flow through and exit the device. They are typically large tanks installed outside and in-ground and cleaned by pumping out the tank completely.

Note: Buckeye Code 16-6-2 requires grease interceptors shall be provided when in the opinion of the water resources department, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts or any flammable wastes, sand and other harmful ingredients. At minimum grease traps must be cleaned monthly or as deemed necessary by the City.

Grease Trap

A grease trap is a small grease control device with manual grease removal, typically installed inside and above ground, generally cleaned by restaurant staff. Daily visual inspections of the device will dictate if weekly or even daily cleaning is required.

Best Management Practices (BMP's)

Commercial customers, including but not limited to restaurants, cafeterias, bars, hotel kitchens, church kitchens, school kitchens, and other food service establishments (FSEs), are required to implement appropriate BMPs in its operation to minimize the discharge of FOG to the sewer system.

The following are some ways to greatly reduce the amount of FOG entering the sewer.

- Scrape food waste from all dishes, pots, pans, cookware, and equipment to the garbage before pre-wash.
- Set up a regular cleaning schedule for your interceptor/grease trap with your maintenance vendor.
- Keep all maintenance/service records or copies of records at facility for a minimum of three years.
- Have a company representative inspect the cleaning of the interceptor/grease trap to ensure it was completed properly.
- Train all employees on proper food and grease waste handling techniques.
- Store and transport cooking oil in covered containers and don't overfill
- Display kitchen signs or posters with BMPs prominently in the kitchen
- Recycle waste grease using a "yellow grease" recycling barrel or bin.
- Do not allow the waste hauler to decant wastewater from the truck back into the device or into your sanitary sewer connection.
- Do not dispose of grease wastes into the sewer drain.

- Do not clean equipment outside where grease and food wastes will flow into storm drains or dry wells.
- Do not wait until your grease removal device is overflowing with waste to get it cleaned.
- Do not dump old chemicals (e.g. pesticides, herbicides) into the drain.
- Do not use a drain opening chemical to open a clogged drain (call a professional plumber to evaluate the situation)

Note: Due to the extensive information available the previously provided material is intended as a brief general over view of the City of Buckeye FOG Program. For more detailed information regarding the FOG Program, please see list of links provided or contact the Water Resource Environmental Compliance Division at 623-349-6127.

Resource Page

Frequently Asked Questions

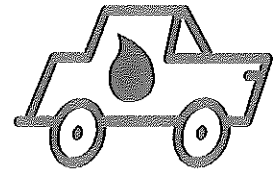
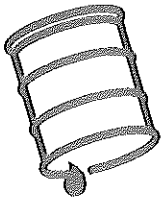
Buckeye Code Chapter 16-6 Use of Public Sewers

Buckeye Code Chapter 16-8 Industrial User and Pretreatment

EPA – 40 CFR 403 Summary

EEC FOG Control Program Tool Kit

Picture and Description of Grease Interceptor and Trap



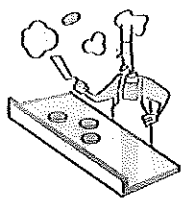
Best Management Practices for
Automotive Service/Repair Facilities

DO

- Recycle used oil, antifreeze, and other vehicle fluids
- Replace harmful solvents with aqueous cleaners/degreasers where applicable
- Replace or minimize the use of aerosol spray products by using refillable spray bottles
- Try to contain fluid spills, and use a "dry" cleanup method
- Set up a regular cleaning schedule for your sand/oil interceptor
- Keep all sand/oil interceptor service records (or copies) at facility for a minimum of three years
- Have a company representative present during interceptor cleaning
- Please contact the City of Buckeye Industrial Pretreatment Division if you have questions or need assistance with any issues by telephone (623) 349-6127 or by email rcohen@buckeyeaz.gov

DON'T.....

- Do not dispose of oil/grease wastes down drains
- Do not dispose of old chemicals down drains
- Do not hose down spills to a floor drain
- Do not wait until your sand/oil interceptor is overflowing to get it cleaned
- Do not use a drain opening chemical to open a clogged drain (call a professional plumber to evaluate the situation)



Best Management Practices for Oil and Grease Removal Devices

DO

- Scrape food waste from all dishes, pots, pans, cookware, and equipment to the garbage before pre-wash
- Set up a regular cleaning schedule for your interceptor/grease trap with your maintenance vendor
- Keep all maintenance/service records or copies of records at facility for a minimum of three years
- Have a company representative inspect the cleaning of the Interceptor/grease trap to ensure it was completed properly
- Train all employees on proper food and grease waste handling techniques
- Please contact the City of Buckeye's Industrial Pretreatment Division if you have questions or need assistance with any FOG issues at (623)-349-6127 or by email rcohen@buckeyeaz.gov

DON'T

- Do not allow the waste hauler to decant wastewater from the truck back into the device or into your sanitary sewer connection
- Do not dispose of grease wastes into the sewer drain
- Do not clean equipment outside where grease and food wastes will flow into storm drains or dry wells
- Do not wait until your grease removal device is overflowing with waste to get it cleaned
- Do not dump old chemicals (e.g. pesticides, herbicides) into the drain
- Do not use a drain opening chemical to open a clogged drain (call a professional plumber to evaluate the situation)

Buckeye, Arizona, Code of Ordinances >> Article 16-6 USE OF PUBLIC SEWERS >>

**Article 16-6
USE OF PUBLIC SEWERS****Sections:**

Section 16-6-1 Prohibited Substances

Section 16-6-2 Interceptors Required

Section 16-6-3 Authority of Water Resources Department to Establish Permissible Limits, and Impose Charges

Section 16-6-4 Industrial Pretreatment/Preliminary Treatment

Section 16-6-5 Control Manholes

Section 16-6-6 Tests and Analyses

Section 16-6-7 Special Agreements with Industrial Concerns

Section 16-6-8 Right of Entry for Inspection

Section 16-6-9 Discharges to be Reported

Section 16-6-1 Prohibited Substances

It shall be unlawful for any user to discharge or cause to be discharged to any entry point into the POTW:

- A. Unless otherwise approved by the water resources department, any stormwater, surface water, groundwater, roof runoff, surface drainage, cooling water or unpolluted process waters that may constitute inflow as defined herein.
- B. Pollutants which create a fire or explosion hazard to the system or POTW. In no case shall pollutants be discharged with a closed cup flashpoint less than one hundred forty degrees Fahrenheit (sixty degrees Celsius), or pollutants which cause an exceedance of ten percent of the lower explosive limit (LEL) at any point within the POTW for any single reading or more than five percent for any two consecutive readings.
- C. Any waste which may contain more than 100 parts per million by weight of solid or viscous pollutants, animal fats, oils and grease, petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that may cause interference or pass-through or that may cause obstruction to the flow in sewers or other damage to the POTW.
- D. Any waters or wastes containing toxic, radioactive, poisonous or other substances in sufficient quantity to cause or have the potential to cause injury or interference with any sewage treatment process, cause corrosive structural damage, constitute a hazard to humans or create any hazard to the sewage system or in the receiving waters of the POTW or pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems.
- E. Any waters with a pH less than 5.5 standard units (S.U.) or greater than 9.0 S.U.
- F. Any waters with a temperature greater than one hundred fifty degrees Fahrenheit (sixty-six degrees Celsius) or heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no event heat in such quantities that the

temperature at the headworks of the POTW treatment plant exceeds one hundred four degrees Fahrenheit (forty degrees Celsius).

- G. Any water or waste that has in any way, been diluted, as a substitute for pretreatment, for the purpose of obtaining compliance with any categorical standard or pretreatment requirement imposed by this chapter except where dilution is expressly authorized by any categorical standard.
- H. Any water or waste that could cause a violation of any categorical standard or pretreatment requirement.
- I. Any water or waste that is transported from the point of generation to the POTW by any septic tank pumper, or chemical waste hauler, or similarly transported unless the transporter has first:
 - 1. Disclosed to the water resources department the origin, nature, concentration and volume of all pollutants to be discharged; and
 - 2. Obtained the written consent of the department to discharge.
- J. Any water or waste which could cause interference or pass-through with POTW operations.
- K. Any discharge that exhibits a characteristic of a hazardous waste, or contains a substance that is listed as a hazardous waste pursuant to either Arizona Administrative Code R18-8-261, as amended, or Title 40 Code of Federal Regulations Part 261, as amended, whichever is applicable, whether or not the discharge is otherwise subject to hazardous waste regulations. This provision does not apply to domestic wastewater or to discharges of hazardous wastes that are authorized by the water resources department.
- L. Any biological waste including, but not limited to, any human anatomical waste, animal waste, untreated microbiological waste, or waste sharps.
- M. Any water or waste which contains any contaminant at a concentration in excess of the limits set below:

INSTANTANEOUS LIMITATIONS

Substance	Limitation mg/L*
BOD	300
COD	1000
Oil and grease	50
Suspended solids	350
Benzene	0.035
Chloroform	0.420
Ethylbenzene	0.200
Tolulene	0.200
Xylenes	0.200
Polyaromatic hydrocarbons	0.050
Phenols	1.000

* mg/L = milligrams per liter

- N. Any of the following prohibited substances:
 - 1. 4,4'—DDE
 - 2. 4,4'—DDT

3. Aldrin
4. BHC-alpha
5. BHC-beta
6. BHC-gamma (Lindane)
7. Chlorinated phenols
8. Chrysene
9. Heptachlor
10. Heptachlor expoxide
11. Polychlorinated biphenyl compounds (PCB)
12. Pesticides
13. Tetrachloroethylene

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-2 Interceptors Required

- A. Grease, oil and sand interceptors shall be provided when, in the opinion of the water resources department, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts or any flammable wastes, sand and other harmful ingredients except that such interceptors shall not be required for private living quarters or dwelling units.
- B. Grease and oil interceptors shall be constructed of impervious material capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, watertight and equipped with easily removable covers which, when bolted in place, shall be gastight and watertight.
- C. Where installed, all grease, oil and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times. At minimum, grease traps must be cleaned monthly or as deemed necessary by the city. The use of chemicals, bacteria, or other agents to dissolve grease or otherwise clean grease interceptors or traps is specifically prohibited. The owner shall keep written records and documentation of all cleaning, repair, calibration and maintenance required to demonstrate compliance with this chapter. Records shall be kept at the facility for a minimum of three years and be made available to an authorized employee of the water resources department upon request.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-3 Authority of Water Resources Department to Establish Permissible Limits, and Impose Charges

In addition to the discharge limitation contained herein, the city shall have the authority to establish quantity of discharges and permissible limits of concentration for various specific substances, materials, waters, or wastewaters that can be accepted into the POTW, and to specify those substances, materials, waters, or wastewaters that are prohibited from entering the POTW. Each permissible limit so established shall be placed on file with the city clerk.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-4 Industrial Pretreatment/Preliminary Treatment

- A. Required. Where necessary in the opinion of the water resources department, any user of the POTW shall provide, at their expense, such pretreatment as may be necessary to reduce

objectionable characteristics or constituents to within the maximum limits provided for in this chapter.

- B. Approval. Plans, specifications and any other pertinent information relating to proposed pretreatment facilities shall be submitted for approval of the water resources department and the Arizona Department of Health Services. No construction of such facilities shall be commenced until such approvals are obtained in writing.
- C. Maintenance of Facilities. Where pretreatment facilities are provided for any waters or wastes, they shall be maintained continuously in effectual operation by the owner at the owner's expense.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-5 Control Manholes

When required by the water resources department, the owner of any property served by a building sewer carrying industrial wastes shall install a control manhole in the building sewer to facilitate observation and sampling of wastes. Such manhole shall be accessible and safely located and shall be constructed and installed in accordance with plans approved by the water resources department. The manhole shall be constructed and installed by the owner at his expense and shall be maintained by him so as to be safe and accessible at all times.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-6 Tests and Analyses

All tests and analyses of the characteristics of water and wastewater shall be determined in accordance with approved laboratory procedures as defined in Article 16-4 of this chapter.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-7 Special Agreements with Industrial Concerns

No statement contained in this article shall be construed as preventing any special agreement or arrangement between the city and any industrial user whereby an industrial waste of unusual strength or character may be accepted by the city for treatment, subject to payment therefor by the industrial user.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-8 Right of Entry for Inspection

- A. Any authorized employee of the water resources department shall upon presentation of his credentials, have free access at all reasonable hours to any commercial or industrial premises connected to the POTW for the purpose of making an inspection of the premises to determine the nature and quantity of wastes discharged to the POTW.
- B. Any user or potential user shall allow all inspection, monitoring, copying of records, etc., reasonably requested by the water resources department to perform the duties required or needed under this Chapter 16

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-6-9 Discharges to be Reported

Every user of the POTW System shall report to the water resources department immediately any accident, negligent act, or other occurrence that occasions a discharge to the POTW of any wastewater that exceeds the permissible limits for such wastewater established by the water resources department.

(Ord. No. 37-11, § 2, 12-6-2011)

Buckeye, Arizona, Code of Ordinances >> Article 16-8 INDUSTRIAL USER AND PRETREATMENT REQUIREMENTS >>

Article 16-8
INDUSTRIAL USER AND PRETREATMENT REQUIREMENTS

Sections:

Section 16-8-1 General Industrial User Requirements

Section 16-8-2 Specific Industrial User Requirements

Section 16-8-3 Special Discharges

Section 16-8-4 Authority of the Water Resources Department

Section 16-8-5 Confidential Information

Section 16-8-6 More Stringent to Control

Section 16-8-1 General Industrial User Requirements

All industrial users shall:

- A. Comply with the categorical standards, pretreatment requirements, and all other requirements imposed by this chapter. Upon the effective date of any federal or state categorical pretreatment standards for a particular industrial subcategory, the federal or state standard, if more stringent than the effluent limitations imposed under this chapter shall immediately supersede those limitations.
- B. Comply with the orders of the water resources department designed to implement the categorical standards, pretreatment requirements, and all other requirements imposed by this chapter.
- C. Within 90 days of the adoption of this chapter and prior to the discharge of wastewater to the POTW by any user required to have a permit under this chapter, the user shall file a written notice with the water resources department which identifies the:
 1. Name and address of the existing or prospective users;
 2. Business location(s) serviced or to be served by the POTW;
 3. Nature, concentration, and amounts of any substance present, at or intended to be present at such business location(s) which, if discharged to the POTW could constitute an industrial discharge;
 4. Nature, concentration and amounts of all pollutants currently discharged to the POTW from such business location(s).
- D. File an annual POTW user report with the water resources department by the first of January of each year which provides an update to the information obtained pursuant to section 16-8-1(C) above. This reporting requirement does not apply to industrial users operating pursuant to an industrial user permit.
- E. Carry out, and maintain an adequate record of, all self-inspection and self-monitoring activities necessary for the user to know at all times whether or not such user is introducing any industrial discharge to the POTW.
- F.

Assist the water resources department to determine the exact nature, concentration, and volume of any pollutant intended for discharge to the POTW. Therefore, upon request, any industrial user shall promptly:

1. Allow the examination and copying of all relevant records or documents available to the user;
 2. Allow the inspection of all business locations served by the POTW, including all pretreatment equipment, methods, and activities utilized by the user at such locations;
 3. Install and maintain, at the user's expense, convenient and adequate monitoring and/or sampling point(s) needed by the water resources department for monitoring and/or sampling purposes;
 4. Allow the taking and removal of samples from any wastewater discharged or intended for discharge, to the POTW;
 5. Provide any laboratory sampling and testing required by the water resources department at the sole expense of the user;
 6. Provide the water resources department with any other information, including, but not limited to, chemical analyses of wastewater and architectural or engineering design data, drawings, etc., which are reasonably needed by the water resources department for the purpose of determining such user's compliance with the requirements of this chapter.
- G. Not cause an industrial discharge without having first obtained a permit required by this chapter. The industrial user shall comply with all requirements and conditions of any permit. Once a permit is issued, no industrial user shall:
1. Make any new or increased industrial discharge, or otherwise make any change in the nature of its industrial discharge(s) if such change will cause any new or increased industrial discharge, without first obtaining an amended permit.
 2. Fail to give notice to the water resources department of not less than ninety days prior to any facility expansion, production increase, or process modifications which results or may result in new or increased discharges or a change in the nature of the discharge.
 3. Fail to give advance notice to the water resources department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- H. Comply with the demand of the water resources department to immediately halt any actual or threatened discharge to the POTW when the water resources department has given notice that such actual or threatened discharge:
1. Presents or may present an imminent or substantial endangerment to the health or welfare of any person or to the environment; or
 2. Will cause interference with POTW operations.
- I. Immediately give written notice to the water resources department of any discharge, including an accidental discharge, which is in violation of any categorical standard, pretreatment requirement, or permit condition imposed by this chapter. Such written notice shall also describe the:
1. Location of the discharge;
 2. Known or estimated nature, concentration, and volume of the discharged pollutant(s);

3. Type of assistance desired from the town;
 4. Corrective action(s) undertaken, being undertaken, and/or to be undertaken by the user. Any user causing such a discharge shall also initiate and complete all appropriate corrective action(s) required by the water resources department which are needed to:
 - (a) Prevent any further injury to human health or safety or to the environment, the POTW, and/or any other property;
 - (b) Promptly repair all or part of any injury or damage caused by such discharge; and
 - (c) Ensure that such a discharge does not occur again.
- J. Pay all sewer fees charged by the town for the wastewater collection and disposal services provided by the POTW pursuant to the requirements of this chapter. Such service fees will apply equally to all POTW users and will be determined by each user's proportionate share of the POTW operating and maintenance costs. In turn, the proportionate share will be based on such factors as the strength, volume and flow rate of wastewater discharged to the POTW by each user.
- K. Reimburse the town for all extraordinary expenses reasonably incurred by the town in insuring user's compliance with the applicable requirements of this chapter. An extraordinary expense is any cost not otherwise reimbursed from the normal collection of sewer fees. Such extraordinary expenses include, but are not limited to, the costs in:
1. Issuing permits;
 2. Conducting inspection, surveillance, and monitoring activities;
 3. Obtaining laboratory analyses of waste samples;
 4. Taking and pursuing enforcement actions against users not in compliance with the requirements of this chapter; and
 5. Carrying out any measure needed for the protection of human health or safety, the environment, the POTW or any other property in order to correct or mitigate any harm caused by the violation of any categorical standard or pretreatment requirement.
- L. Be financially responsible for all injury, damage, and/or loss suffered by any person as a result of any industrial discharge, by such user, which violates any categorical standard, pretreatment requirement, or permit condition enforced pursuant to this chapter. In particular, such user shall be liable for the:
1. Personal injury suffered by any person as a result of such discharge;
 2. Costs reasonably incurred by any person in correcting, or otherwise mitigating, any adverse environmental impact which resulted from such discharge; and
 3. Economic loss and property damage suffered by any person as a result of such discharge.
- M. Fully comply with this subpart if the results of the user's self-monitoring wastewater analysis indicates a violation has occurred:
1. Inform the water resources department of the violation within twenty-four hours of becoming aware of the violation; and
 2. Repeat the wastewater sampling and pollutant analysis and submit in writing the results of the repeat analysis within thirty days after becoming aware of the violation, unless the water resources department requires it sooner.
- N.

An industrial user shall certify that it has a program in place to reduce the volume and toxicity of wastes generated to the degree it has determined to be economically practicable and that it has selected the method of treatment, storage, or disposal currently available which minimizes the present and future threat to human health and the environment.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-8-2 Specific Industrial User Requirements

In addition to all other requirements of this chapter, each industrial user who discharges an industrial discharge into the POTW shall also:

- A. Obtain an Industrial discharge permit from the water resources department. Any application for a permit or an amended permit shall contain the information specified in the application form or such other information as may be requested by the water resources department. Any person intending to commence any new industrial discharge(s), or any additional or modified industrial discharge(s) not already allowed pursuant to an existing permit, shall first obtain a new or an amended industrial discharge permit, as applicable, from the water resources department prior to initiating such discharge(s).
- B. Comply fully with all requirements and conditions of any industrial user permit. Once a permit is issued, no industrial user shall:
 1. Make any new, modified, or increased industrial discharge.
 2. Otherwise make any change in the nature of its industrial discharge(s) if such change will cause any new or increased industrial discharge.
- C. Provide all of the pretreatment necessary to comply with the categorical standards and pretreatment requirements imposed by this chapter and best management practices imposed by this chapter. In addition, there shall be no discharge of any water or waste exceeding the limits for the following substances that are expressed in the total form:

DAILY AVERAGE EFFLUENT LIMITATIONS

Substance	Limitation mg/l ^a
Arsenic	0.1
Barium	10.0
Boron	10.0
Cadmium	0.1
Chromium VI	0.5
Copper	10.0
Cyanide (amenable to Chlorination)	0.2
Cyanide, Total	2.0
Dissolved Sulfides	0.5
Lead	0.5
Manganese	0.5
Mercury	0.05
Oil & Grease EPA Method 413.1	100
Oil & Grease TPH EPA Method 418.1	100
Selenium	0.1
Silver	0.5
Zinc	50.0

* mg/l = milligrams per liter

- D. Maintain a continuous discharge record which clearly identifies the:
 - 1. Dates and times of all industrial discharges; and
 - 2. Nature, concentration(s), and volume(s) of all such discharges.
- E. Provide the water resources department with all the same self-monitoring reports and notices which the industrial user is required to submit to any other authority in accordance with the provisions of 40 CFR Part 403.12. In particular, the industrial user shall meet the requirements of:
 - 1. Notices which must be filed within one hundred eighty (180) days of the adoption of any categorical standard, including a compliance schedule.
 - 2. Notices which must be filed within ninety (90) days of any final compliance date, or in the case of a new source, following the commencement of the introduction of wastewater into the POTW.
 - 3. Reports which must be filed by the industrial user in June and December of each year unless required more frequently by the water resources department.
 - 4. The immediate notice which must be given after a slug load release of any industrial discharge.
 - 5. The sampling and analysis of pollutants discharged to the POTW, including any more frequent sampling and analyses performed beyond what is required by the water resources department.
 - 6. The maintenance of records by the Industrial user.
- F. Comply with all reporting requirements and maintain records of all information resulting from any monitoring activities as required by Chapter 16 of the town code.
- G. Records required by sections 16-8-2(E)(4) and 16-8-2(E)(5) above, shall be required to be retained for a minimum of three years from the date of monitoring activity and shall be made available for inspection and copying. This period of retention shall be extended during the course of any unresolved litigation between the SIU and the town. Such records shall include for all samples:
 - 1. The date, exact place, method, and time of sampling and the names of the person or persons taking the samples;
 - 2. The dates analyses were performed;
 - 3. Who performed the analyses;
 - 4. The analytical techniques/methods used; and
 - 5. The results of such analyses.

(Ord. No. 37-11, § 2, 12-6-2011)

Section 16-8-3 Special Discharges

- A. In addition to all other requirements imposed by this chapter upon industrial users, the following types of industrial users who are not significant industrial users may be required to obtain a wastewater discharge permit if the water resources department determines the industrial discharge causes or has the reasonable potential to cause harm or damage to the POTW, worker safety, public safety or the environment:
 - 1. Zero process discharge user.
 - 2. Users which discharge the equivalent strength of twenty-five thousand gallons per day of domestic waste as measured by BOD and SS.

3. Discharges of polluted groundwater.
 4. Users discharging any of the substances identified in sections 16-6-1(M) and 16-8-2(C).
- B. The industrial user shall comply with all requirements and conditions of a wastewater discharge permit issued by the water resources department pursuant to the provisions of this Article 16-8
- C. All special discharges must be approved prior to discharge and all special fees paid. Any exceedance of a permit limit or violation of any permit condition or limit shall be subject to civil and criminal penalties as authorized by federal and state law and the provisions of this chapter.
- (Ord. No. 37-11, § 2, 12-6-2011)

Section 16-8- Authority of the Water Resources Department

The water resources department is authorized to enforce the provisions of this chapter. In carrying out this responsibility, the water resources department has express authority to:

- A. Issue or amend (as applicable) industrial user permits within sixty (60) days of receiving the application for such permit or amended permit. Once issued, a permit:
1. Will be for a period of time not to exceed two (2) years. A permit may be terminated by revocation by the water resources department or upon voluntary surrender of the permit by the permittee at an earlier date;
 2. Is nontransferable by the permittee;
 3. Will specifically identify all applicable discharge prohibitions and limitations which the water resources department will enforce.
 4. May be amended as deemed appropriate by the water resources department;
 5. May contain monitoring requirements;
 6. May contain reporting requirements;
 7. May contain requirements for installation and maintenance of inspection and sampling facilities;
 8. May contain required notifications;
 9. May contain requirements for a plan to control slug discharges and spills. The plan shall contain at a minimum:
 - a. A description of discharge practices, including nonroutine batch discharges; and
 - b. A description of stored chemicals; and
 - c. Procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response;
 10. May require implementation of best management practices to reduce or eliminate the amount of pollutants discharged to the POTW;
 11. May contain standard permit conditions;
 12. May contain other conditions and requirements as deemed reasonably necessary by the water resources department to prevent pass-through or

interference, to protect the quality of the water body receiving the treatment plant's effluent, to protect worker health and safety, to facilitate sludge management and disposal, to protect against damage to the POTW and to ensure user compliance with this chapter, and state and federal laws, rules and regulations.

- B. Incorporate the pertinent requirements of this chapter into every town contract with any user located outside of the municipal jurisdiction of the town. Such contracts may also provide for liquidated damages and, if applicable, specific performance as remedies for breach of contract.
- C. Receive and analyze all self-monitoring reports and notices submitted by industrial users.
- D. Randomly sample and analyze effluent from users and conduct those surveillance and inspection activities needed to identify, independently or any information supplies by such users, occasional or continuing noncompliance with any categorical standard or pretreatment requirement.
- E. Investigate instances of noncompliance with any categorical standard or pretreatment requirement when notice of any actual or probable noncompliance has been received by the water resources department or any representative of the department.
- F. Notify users of noncompliance with categorical standards or pretreatment requirements discovered by the water resources department. Such notice shall also contain a demand for any appropriate corrective action which is necessary to meet the applicable requirements of this chapter. Any user will be allowed opportunity to respond to an order of the water resources department before any enforcement action against such user is initiated, unless the discharge is a threat to the public health, safety, and welfare, in which case the water resources department may immediately disconnect service and initiate enforcement action without giving notice.
- G. A permit may be revoked by the water resources department for good cause, including, but not limited to:
 - 1. Failure to notify the water resources department of significant changes to the wastewater prior to the changed discharge;
 - 2. Failure to provide prior notification to the water resources department of changed conditions pursuant to the requirements of this Article 16-8
 - 3. Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application;
 - 4. Falsifying self-monitoring reports;
 - 5. Tampering with monitoring equipment;
 - 6. Refusing to allow the water resources department timely access to the facility premises and records;
 - 7. Failure to meet effluent limitations;
 - 8. Failure to pay fines and penalties;
 - 9. Failure to pay sewer charges;
 - 10. Failure to meet compliance schedules;
 - 11. Failure to complete a wastewater survey or the permit application;
 - 12. Failure to provide advance notice of the transfer of business ownership of a permitted facility; and
 - 13. Violation of any pretreatment standard or requirement, or any terms of the permit or requirement of this chapter.



Fats, Oil and Grease Program (FOG)

As mandated by the rules and regulations of the U.S. EPA the Arizona Department of Environmental Quality (ADEQ) and the City of Buckeye through its Industrial Pretreatment Program (IPP) is required to prevent commercial and industrial sources of pollution discharge into the sanitary sewer system and eventually the wastewater treatment facilities. The FOG Program is a component of the comprehensive IPP designed to deal specifically with Fats, Oils and Grease. The FOG Program prohibits the discharge of fats, oils, and grease down the drain in excessive amounts which accumulates in sewer pipes and over time, can build up and restrict flow in the pipe contributing to:

- Untreated wastewater to back up into your business or home, and possible overflowing of manholes into the street, known as Sanitary Sewer Overflows (SSO's). These are a serious public health hazard.
- Public relations challenges due to odor problems from hydrogen sulfide gas accumulation. Usually associated with a rotten egg odor.
- Major increases in cost for repetitive maintenance, repair and premature replacement of sewer lines and equipment related to lift stations and the waste water plants.

FOG – Source & Control

FOG wastes are typically generated at Food Service Establishments (FSE's) as byproducts from food preparation. Whether originating from an FSE, a business performing vehicle and equipment maintenance, or some other source, any FOG reaching the sanitary sewer system can cause a variety of problems.

The FOG Program is designed to identify, control and enforce oil and grease discharges and to provide educational information to non-domestic users using the following key objectives:

- Requiring the installation of grease traps/interceptors for non-domestic facilities based off their potential for generating FOG.
- Verification of properly maintained grease control devices through inspections and follow up.
- Educate FSE's, commercial and industrial facilities on Best Management Practices.

Grease Control Devices (GCD)

A GCD is a term used for any conventional grease interceptor, grease trap, grease removal device or alternative technology used to separate oil and grease from wastewater.

Grease Interceptor

A grease interceptor is a control device that operates by gravity designed to separate and hold fats, oils, greases and solids while allowing the wastewater to flow through and exit the device. They are typically large tanks installed outside and in-ground and cleaned by pumping out the tank completely.

Note: Buckeye Code 16-6-2 requires grease interceptors shall be provided when in the opinion of the Water Resources Department, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts or any flammable wastes, sand and other harmful ingredients. At minimum, grease traps must be cleaned monthly or as deemed necessary by the City.

Grease Trap

A grease trap is a small grease control device with manual grease removal, typically installed inside and above ground, generally cleaned by restaurant staff. Daily visual inspections of the device will dictate if weekly or even daily cleaning is required.

Best Management Practices (BMP's)

Commercial customers, including but not limited to restaurants, cafeterias, bars, hotel kitchens, church kitchens, school kitchens, and other food service establishments (FSEs), are required to implement appropriate BMPs in its operation to minimize the discharge of FOG into the sewer system.

Listed below are some ways that you can greatly reduce the amount of FOG entering the sewer.

- Scrape food waste from all dishes, pots, pans, cookware, and equipment to the garbage before pre-wash.
- Set up a regular cleaning schedule for your interceptor/grease trap with your maintenance vendor.
- Keep all maintenance/service records or copies of records at facility for a minimum of three years.
- Have a company representative inspect the cleaning of the interceptor/grease trap to ensure it was completed properly.
- Train all employees on proper food and grease waste handling techniques.

- Store and transport cooking oil in covered containers and don't overfill
- Display kitchen signs or posters with BMPs prominently in the kitchen
- Recycle waste grease using a "yellow grease" recycling barrel or bin.
- Do not allow the waste hauler to decant wastewater from the truck back into the device or into your sanitary sewer connection.
- Do not dispose of grease wastes into the sewer drain.
- Do not clean equipment outside where grease and food wastes will flow into storm drains or dry wells.
- Do not wait until your grease removal device is overflowing with waste to get it cleaned.
- Do not dump old chemicals (e.g. pesticides, herbicides) into the drain.
- Do not use a drain opening chemical to open a clogged drain (call a professional plumber to evaluate the situation)

Please Note: The information provided is intended to be a brief general overview of the City's FOG Program. For more detailed information please contact the Water Resources **Environmental Compliance Division at 623-349-6127.**

INDUSTRIAL WASTEWATER SURVEY

CITY OF BUCKEYE PRETREATMENT PROGRAM

Your company has been selected to complete this Industrial Wastewater Survey because it discharges its wastewater to the City of Buckeye Wastewater Treatment Plant. Environmental regulations require the City of Buckeye to periodically identify and locate all possible Industrial Users which might be subject to regulation by the City of Buckeye, Industrial Pretreatment Program. This requirement is mandated by Title 40 of the Code of Federal Regulations, Part 403, Section 8 (f)(2), -03 (C)(2)(a) & (b), and the City Code Article 16-8.

Note to signing official: In accordance with Title 40 of the Code of Federal Regulations, Part 403, Section 14, information and data provided in this survey which identifies the nature and frequency of discharge shall be available to the Public without restriction. Requests for confidential treatment of other information must be asserted at the time of submittal.

The completed and signed survey shall be mailed or emailed to the following address within 14 days of receipt:

City of Buckeye
Division of Water Resources
423 Arizona Eastern Avenue
Buckeye, Arizona 85326
Attn: Environmental Coordinator or email to: rcohen@buckeyeaz.gov

PLEASE TYPE OR PRINT

1. GENERAL INFORMATION

Company Name _____

Mailing Address

Street/ PO Box _____

City _____ State _____ Zip _____

Facility Name _____

Facility Address

Street/ PO Box _____

City _____ State _____ Zip _____

Address of Corporate Headquarters (if applicable):

Corporate Address

Street/ PO Box _____

City _____ State _____ Zip _____

Person to whom any further inquiries should be directed:

Name _____

Title _____

Phone (____) _____ email _____

Authorized Representative of Company:

Name _____

Title _____

Phone (____) _____ email _____

2. WATER ACCOUNT (#'s from water bill) _____

3. DESCRIPTION OF OPERATION

- Principal products or service: _____

Briefly describe the manufacturing or service activities conducted on the premises:

- If known, give Standard Industrial Classification (SIC) 4-digit Code(s) for all activities:

- Does this facility prepare and serve food ? ☐ Yes ☐ No
- Does this facility generate any wastewater other than domestic sewage ? ☐ Yes ☐ No
- Is **ALL** of the wastewater generated at the facility discharged to a septic tank or cesspool ? ☐ Yes ☐ No
- Does the facility use or store petroleum oil, non-biodegradable cutting oil, or products of mineral oil on the premises ☐ Yes ☐ No

If "YES", complete the following:

Material	Quantity	Units-Gallons,Pounds
_____	_____	_____
_____	_____	_____
_____	_____	_____

- Does the facility use or store any hazardous materials, pesticides, organic chemicals, paints, plating wastes, radioactive substances, solvents, liquid wastes, or sludges on the premises?

☐ Yes ☐ No

If "YES", complete the following

Material	Quantity	Units-Gallons,Pounds
_____	_____	_____
_____	_____	_____
_____	_____	_____

4. CERTIFICATION

"I certify that all information provided in this document and all attachments are to the best of my knowledge and belief, true, accurate, and complete."

Signature: _____

(Authorized Representative) *

Printed Name: _____

Printed Title: _____

Date: _____

If you have any questions regarding the completion of this form please contact Richard Cohen at 623-349-6127 or email rcohen@buckeyeaz.gov.